

FEATURES

1. Portable instrument for calibrating process devices and measuring process signals.
2. Adjustable 0-24mA current source.
3. Adjustable -199.9mV to +199.9mV DCV source.
4. Current calibrator drives loads up to 500 ohms.
5. The instrument powers or measures a two-wire current loop.
6. Four function provide the quality and accuracy of handheld calibrator:
 - a) Precision current source,
 - b) Measurement of a current signal,
 - c) Power and measurement of two wire loop,
 - d) Precision DC mV source.

GENERAL SPECIFICATIONS

Display	LCD display, max display counts 1999.
Function	1) Current source 2) Current measurement 3) Power and current measurement 4) DC mV source
SamplingTime	Approx. 0.4 second.
Over input Indication	Indication of "1".
Operating environment	0°C to 50°C (32° to 122°). at < 70 % relative humidity.
Power Supply	DC9V,NEDA1604/IEC6F22 battery or equivalent.Alkaline type or heavy duty type.
Power Consumption	Current measurement: Approx. DC 12mA Power and current measurement: Approx. DC 33mA Current source(under 10 mA signal out put): Approx. DC 33mA DC mV source(under 100mV signal out put): Approx. DC 12mA
Dimension	150 (H) x 70 (W) x 40 (D) mm
Weight	Approx.: 232g (including battery.)

TECHNICAL SPECIFICATIONS

Electrical (23 ± 5)°C

Current source

Range	Display Resolution	Accuracy
0-19.99mA	0.01mA	± (0.25%FS+1d)
0-24mA	0.1mA	± (0.5%FS+1d)

- Output 0 to 24mA current for loads up to 500 ohms.
- Output >20mA current for loads up to 400 ohms.
- FS: full scale

Current measurement

Range	Display Resolution	Accuracy
0-19.99mA	0.01mA	±(0.25%FS+1d)
0-24mA	0.1mA	±(0.5%FS+1d)

*FS:full scale

Power and current measurement of two wire loop

Range	Display Resolution	Accuracy
0-19.99mA	0.01mA	±(0.25%FS+1d)
0-24mA	0.1mA	±(0.5%FS+1d)

*Provides power DC 12V ±2V to the loop and measures current.*FS: full scale

DC mV source

Range	Display Resolution	Accuracy
-199.9mV to +199.9mV	0.1mV	±(0.25%FS+1d)

*Output measured load impedance should >1K ohms. *FS:full scale

Remark: The above specifications are tested under the environment RF Field Strength less than 3V/M & frequency less than the 30 MHz only.



*Technical Specifications & Appearance are subject to change without prior notice